Atty. Dkt. No.AMAT/8244/DSM/BCVD/JW

JUH 1 2004 PER STATE TRANSPORTER TRANSPORT

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:			
This declaration	n is of the following type:		
	original divisional continuation continuation-in-part		
	INVENTORSHIP IDENTIFICATION		
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:			
METHOD	OF DEPOSITING AN AMORPHOUS CARBON FILM FOR ETCH HARDMASK APPLICATION		
	SPECIFICATION IDENTIFICATION		
The specification	on of which:		
	is attached hereto was filed on March 12, 2004, under Serial No. 10/799,146, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on		
AC	CKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR		
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.			
with Title 37, 0 application; na	the duty to disclose all information I know to be material to patentability in accordance Code of Federal Regulations, §1.56, and which is material to the examination of this mely, information where there is a substantial likelihood that a reasonable Examiner it important in deciding whether to allow the application to issue as a patent, and		
	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.		

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	\boxtimes	No such	applications have b	een filed.	
		Such app	olications have beer	n filed as follows:	
A.				iled within 12 mos. (6 s under 35 U.S.C. §119	mos. for design) prior to this
	Cou	ntry/PCT	Application No	Date Filed	Priority Claimed
					☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No
В.		reign application	cation(s), if any, file	ed more than 12 mos. ((6 mos for design) prior to this
	Count Applic Filing	ation No:			
C.	U.S. F	Provisional	Application filed w	vithin 12 months prior	to this application
	<u>Serial</u>	No.		Filing Date	
			PRIORITY C	CLAIM (35 U.S.C. §120)	
applicatisted by that that the states of this examination of this examination of the states of the s	ation(s) below ar /those p Code, { applicates ner would occurred	or PCT intend, insofar a prior applica §112, I ackration (name Id consider	rnational application is the subject matte ation(s) in the manal cowledge the duty to ely, information what it important in decide the filing date of the	n(s) designating the Unit or of each of the claims of oner provided by the first of disclose information the othere is substantiating whether to allow the	, §120, of any United States and States of America that is/are f this application is not disclosed at paragraph of Title 35, United at is material to the examination al likelihood that a reasonable application to issue as a patent) the national or PCT international
			pplications have be ications have been		
	Carial	No 5	ling Data	Retented	Status
	<u>Serial</u>	<u>190</u> . <u>F</u>	<u>ling Date</u>	<u>Patented</u>	Pending Abandoned

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken Registration No. 33,217 Peter J. Sgarbossa Registration No. 25,610 Raymond Kam-On Kwong Registration No. 37,165 Joseph Bach Registration No. 37,771 James C. Wilson Registration No. 35,412 Robert W. Mulcahy Registration No. 25,436 B. Todd Patterson Registration No. 37,906 Raymond R. Moser, Jr. Registration No. 34,682 Keith M. Tackett Registration No. 32,008

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P.O. Box 450-A Santa Clara, CA 95052 B. Todd Patterson Moser, Patterson & Sheridan, L.L.P.

(713) 623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first inven	itor: YUXIA			, ,
Inventor's signature: Residence:	2569 Marshall	g Wars	_ Date:	03/18/04
	Palo Alto, Cali			
Post Office Address:		e. Country of Citizenship: (CHINA P.R.	
Full name of second in	ventor: SUDH	A S.R. RATHI		
Inventor's signature:			Date:	
	2748 Westberr San Jose, Cali			
Post Office Address:	Same as abov	e.		
	U.S.A.	Country of Citizenship: \	JNITED ST	ATES
Full name of third inve	ntor: MICH	AEL CHIU KWAN		
Inventor's signature:			_ Date:	
Residence:	824 Corvallis D	- · · · · -		
	Sunnyvale, Ca			
Post Office Address:				
	U.S.A.	Country of Citizenship: U	INITED ST	ATES

(DECLARATION ENDS WITH THIS PAGE)

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COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

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A.				ed within 12 mos. (6 under 35 U.S.C. §119		n) prior to this
	Cou	ntry/PCT	Application No	Date Filed	<u>Prior</u>	ity Claimed
					<u>□</u> v	es No es No es No
В.		eign applic	cation(s), if any, filed	d more than 12 mos.	(6 mos for desig	n) prior to this
	Count Applic Filing	ation No:				
C.	U.S. P	rovisional	Application filed wi	thin 12 months prior	to this application	on
	<u>Serial</u>	No.		Filing Date		
			PRIORITY CL	.AIM (35 U.S.C. §120)	
applica listed b in that States of this Examir which	ation(s) of pelow are /those p Code, { applica- ner would occurred	or PCT intend, insofar a prior applica 112, I ackration (name d consider	rnational application(is the subject matter ation(s) in the mann lowledge the duty to ely, information whe it important in deciding the filing date of the p	United States Cod s) designating the Un of each of the claims er provided by the fir disclose information to the there is substanting by whether to allow the rior application(s) and	ited States of Am of this application rst paragraph of hat is material to lial likelihood that application to issue	erica that is/are is not disclosed it is not disclosed it it is not disclosed it is not disclosed it is reasonable is a reasonable is a patent)
			applications have bee lications have been fi			
	Serial	No. F	iling Date	Patented	Status Pending	Abandoned

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Santa Clara, CA 95052

U.S.A.

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Full name of first inve	ntor: YUXI	ANG MAY WANG		
Inventor's signature:			Date:	
Residence:	2569 Marshall	Drive		
	Palo Alto, Cali	fornia 94303		
Post Office Address:	·			
	U.S.A.	Country of Citizens	ship: CHINA P.R.	
Full name of second in	nventor: SUDH	IA S.R. RATHI		
	(01	DH:	Date: 3-11-0 4	
Inventor's signature:	Jucke	x (x 90 41	Date:	
Residence:	2748 Westber	ry Drive		
	San Jose, Cal	ifornia 95132		
Post Office Address:	Same as abov	e.		
	U.S.A.	Country of Citizens	ship: UNITED STATES	
Full name of third inve	entor: MICH	AEL CHIUKWAN	, ,	
1	TY/ofin	Ma	Date: 3/11/04	
Inventor's signature:	[WY		Date:	
Residence:	824 Corvallis I		•	
	Sunnyvale, Ca			
Post Office Address:	Same as abov	e.		

Country of Citizenship: UNITED STATES

rull name of fourth in	ventor: n i	CHEM W SAAD		
Inventor's signature:			Date:	
Residence:	3500 Gran	ada Avenue #364		
	Santa Clar	a, CA 95051		
Post Office Address:	Same as a	bove.		
	U.S.A.	Country of Citizenship	o: TUNISIA	

(DECLARATION ENDS WITH THIS PAGE)

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A.			application(s) any priority clai			os. for design)	prior to	this
	Coun	try/PCT	Application No	2	Date Filed	<u>Priorit</u>	y Claime	<u>:d</u>
						☐ Ye ☐ Ye ☐ Ye	s N	lo lo lo
В.		eign application	ation(s), if any,	filed more t	nan 12 mos. (6	mos for design) prior to	this
	Country Applica Filing d	tion No:						
C.	U.S. Pr	ovisional /	Application filed	l within 12 n	nonths prior to	this application	n	
	Serial I	<u>No.</u>		Filing	<u>Date</u>			
			PRIORITY	CLAIM (35	U.S.C. §120)			
applica listed b in that/ States of this Examir which (ition(s) of elow and those p Code, § application aer would occurred	or PCT inter d, insofar as rior applica 112, I acknotion (name d consider i	efit under Title mational applicates the subject mation(s) in the micowledge the duty information to timportant in defiling date of the mation.	ion(s) desigr tter of each of anner provider to disclose where there ciding wheth	nating the United of the claims of the claims of the ed by the first information that is substantial er to allow the a	I States of Ame his application is paragraph of T is material to the likelihood that pplication to issue	rica that s not disc itle 35, L se examir a reaso ue as a pa	is/are closed United nation nable atent)
			pplications have ications have be		ollows:			
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	Serial N	NO. Fi	ling Date	<u>Pate</u>	<u>nted</u>	<u>Pending</u>	Aband	oned

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Full name of first invent	tor: YUXIANG	MAY WANG
Inventor's signature:		
Residence:	2569 Marshall Dr	ve
	Palo Alto, Californ	nia 94303
Post Office Address:	Same as above.	•
	U.S.A.	country of Citizenship: CHINA P.R.
Full name of second in	ventor: SUDHA S	S.R. RATHI
Inventor's signature:		Date:
Residence:	2748 Westberry [
	San Jose, Californ	nia 95132
Post Office Address:	Same as above.	
	U.S.A.	country of Citizenship: UNITED STATES
Full name of third inver	ntor: MICHAE	CHIU KWAN
Inventor's signature:		Date:
Residence:	824 Corvallis Driv	re
	Sunnyvale, Califo	rnia 94087
Post Office Address:	Same as above.	
	U.S.A.	Country of Citizenship: UNITED STATES

Full name of fourth inventor: HICHEM M'SAAD

Inventor's signature: Date: 31854

Residence: 3500 Granada Avenue #364

Santa Clara, CA 95051

Post Office Address: Same as above. U.S.A.

Country of Citizenship: TUNISIA

(DECLARATION ENDS WITH THIS PAGE)

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